

Amendments to the Claims

1-10. (Cancelled)

11. (Original) An augmented primary surface system for displaying information on a display device, the system comprising:
a presentation surface set associated with the display device, the presentation surface set comprising a presentation flipping chain and an overlay flipping chain, the presentation flipping chain comprising a primary presentation surface and a presentation back buffer, the overlay flipping chain comprising an overlay primary surface and an overlay back buffer; and
a display interface driver for receiving display information from the primary presentation and overlay primary surfaces, merging the received display information, and transferring the merged information to the display device.

12. (Original) The system of claim 11 wherein the display interface driver comprises components in the set: software executable, hardware, and firmware executable.

13. (Original) The system of claim 11 wherein the display interface driver receives merging information in the set: per-pixel alpha, z-order, and color-key; and uses the received merging information in merging the display information received from the primary presentation and overlay primary surfaces.

14. (Original) The system of claim 11 further comprising:
a graphics arbiter for transferring display information to the presentation and overlay back buffers.

15. (Original) A computer-readable medium containing instructions for providing an augmented primary surface system for displaying information on a display device, the system comprising:

a presentation surface set associated with the display device, the presentation surface set comprising a presentation flipping chain and an overlay flipping chain, the presentation flipping chain comprising a primary presentation surface and a presentation back buffer, the overlay flipping chain comprising an overlay primary surface and an overlay back buffer; and

a display interface driver for receiving display information from the primary presentation and overlay primary surfaces, merging the received display information, and transferring the merged information to the display device.

16. (Original) A method for displaying information on a display device, the method comprising:

receiving display information from a primary presentation surface of a presentation flipping chain of a presentation surface set associated with the display device;

receiving display information from a primary overlay surface of an overlay flipping chain of the presentation surface set;

merging the display information received from the primary presentation and primary overlay surfaces; and

transferring the merged information to the display device.

17. (Original) The method of claim 16 further comprising:

receiving merging information in the set: per-pixel alpha, z-order, and color-key; and

using the received merging information in merging the display information received from the primary presentation and primary overlay surfaces.

18. (Original) A computer-readable medium containing instructions for performing a method for displaying information on a display device, the method comprising:

- receiving display information from a primary presentation surface of a presentation flipping chain of a presentation surface set associated with the display device;
- receiving display information from a primary overlay surface of an overlay flipping chain of the presentation surface set;
- merging the display information received from the primary presentation and primary overlay surfaces; and
- transferring the merged information to the display device.